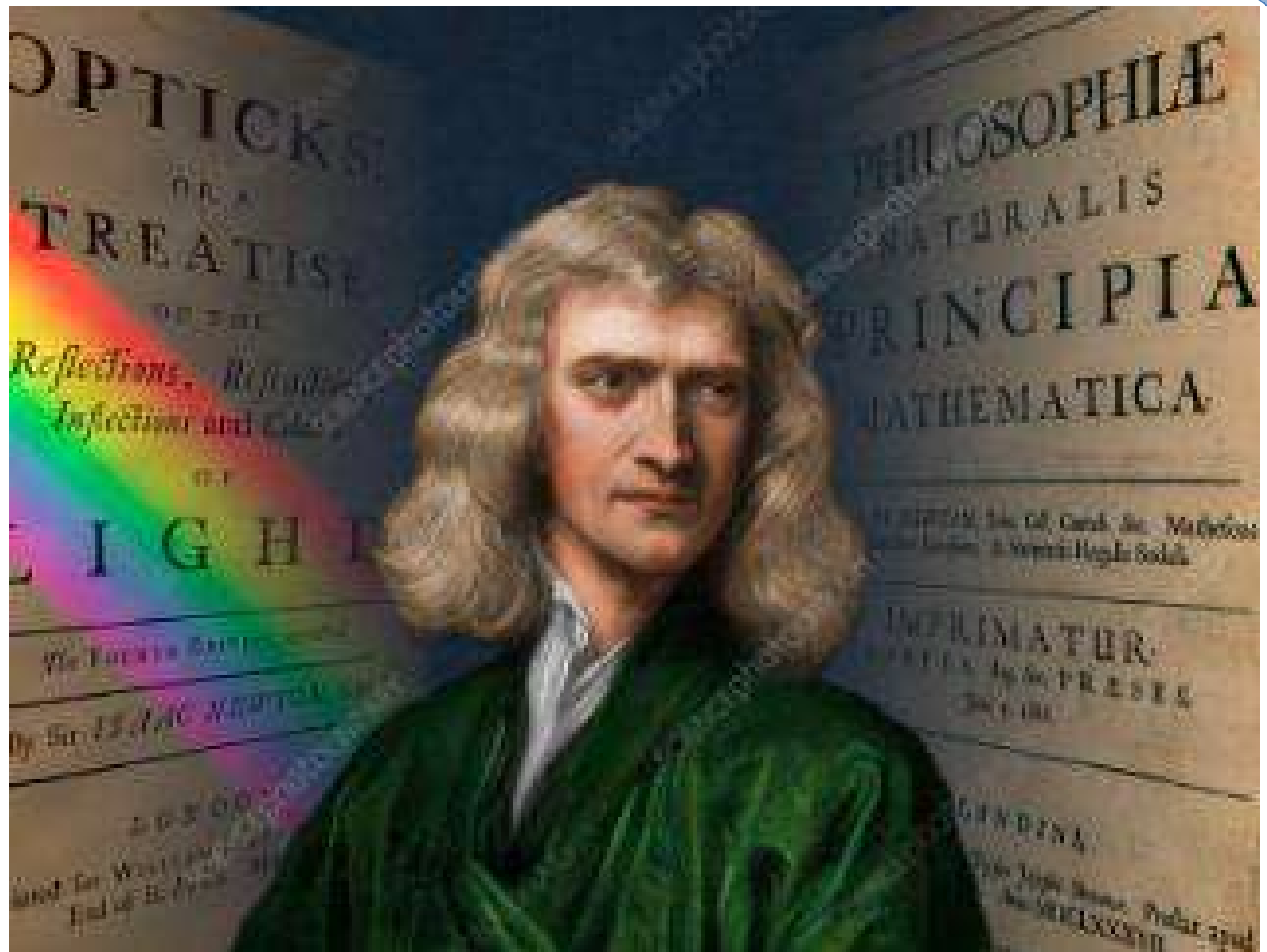
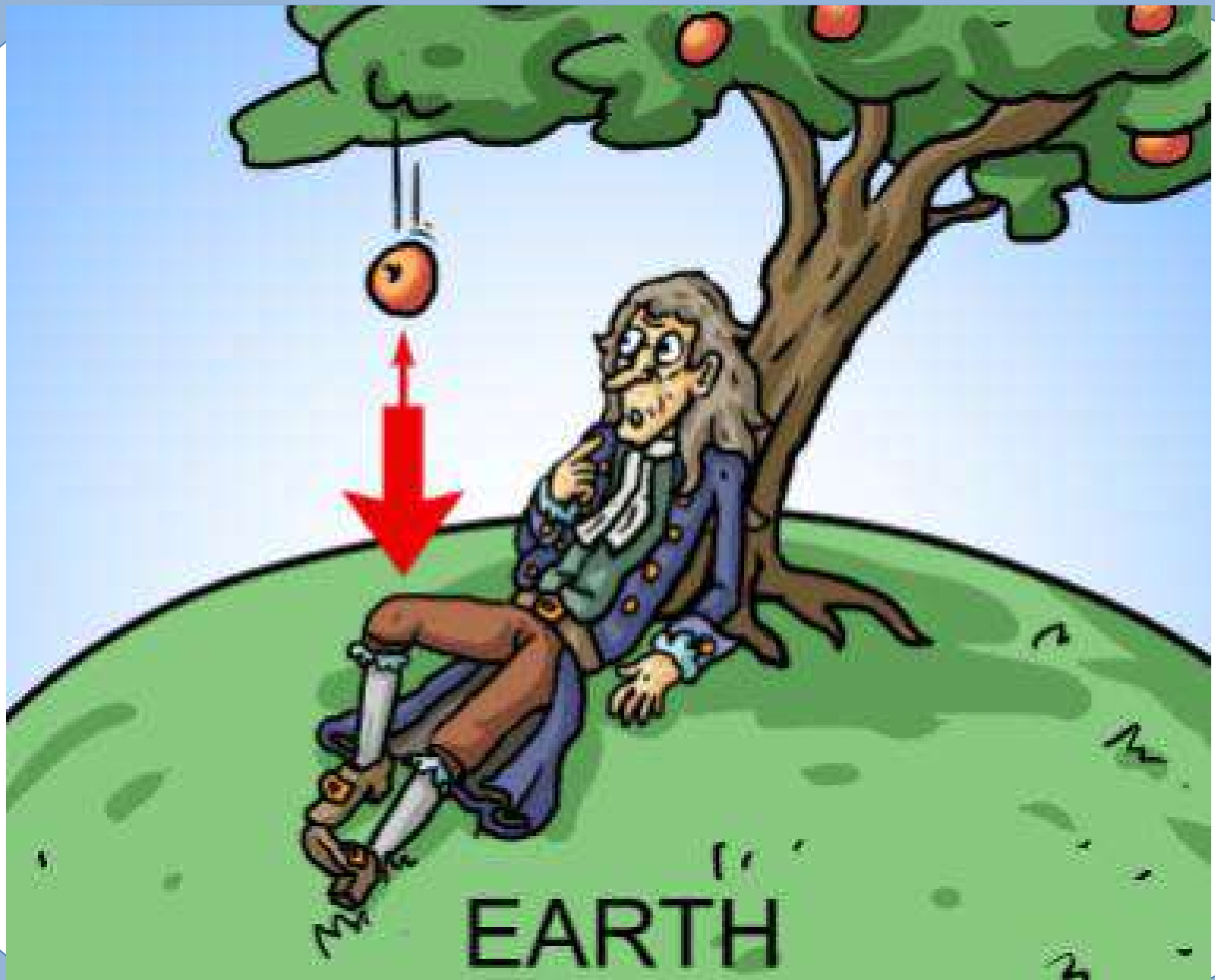


Newton and His Laws







$$\lim_{x \rightarrow a} f(x)$$

1. Explain Newton's First Law of Motion in your own words.



!



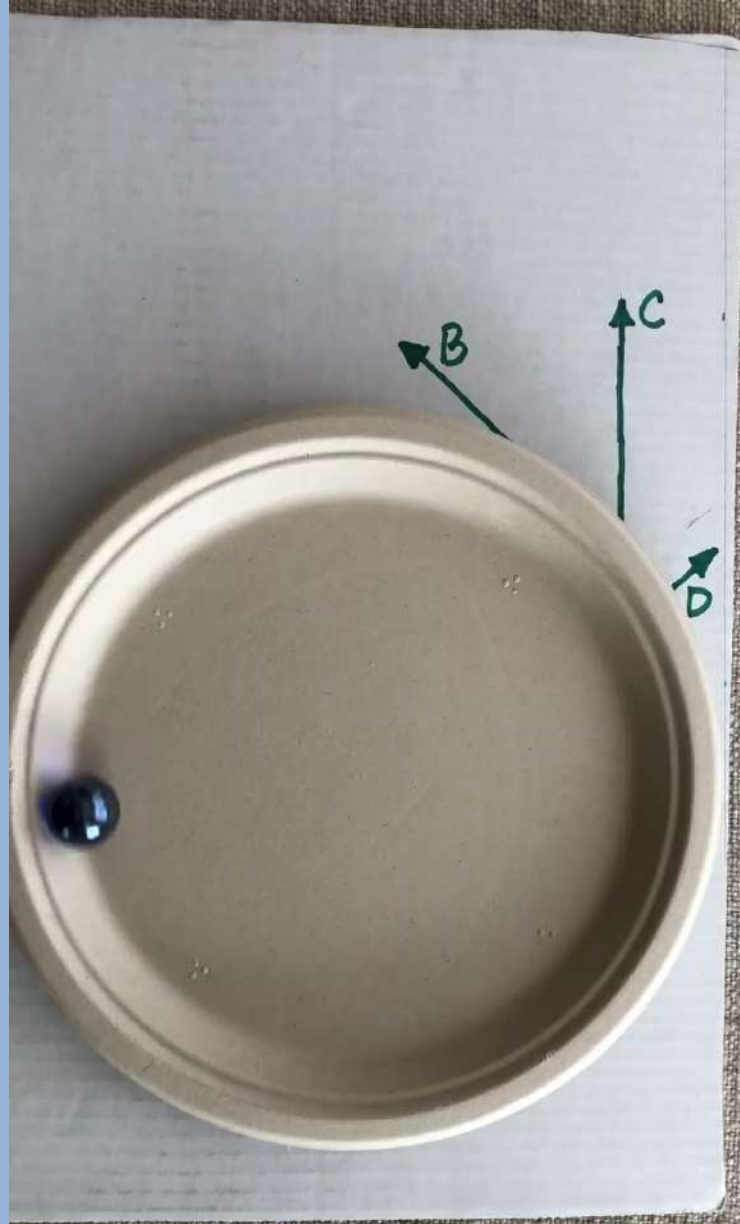
Yakka Foob Mog, Grug
Pubbawup Zink Wattoo
Gazork. Chumble Spuzz.

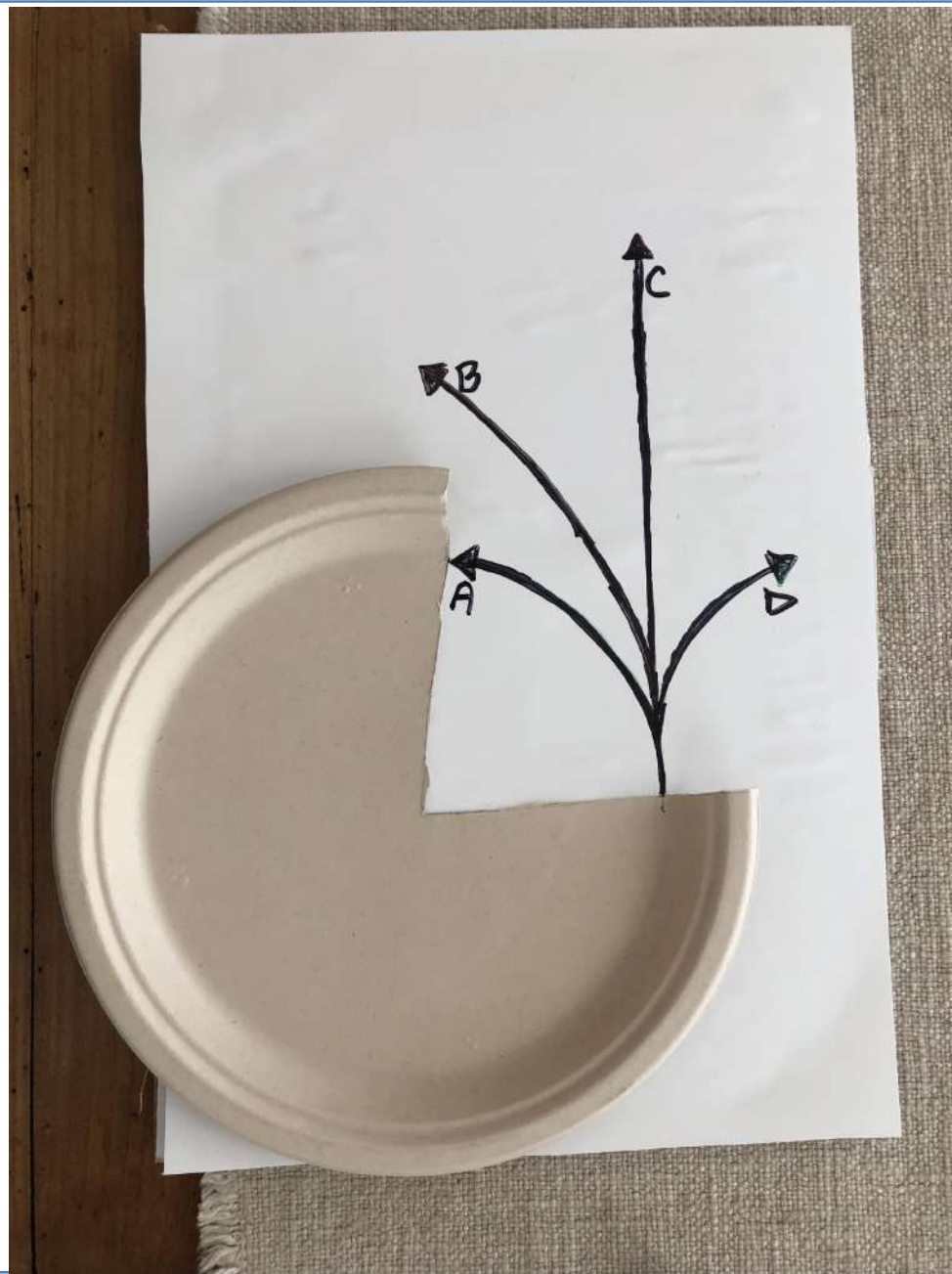


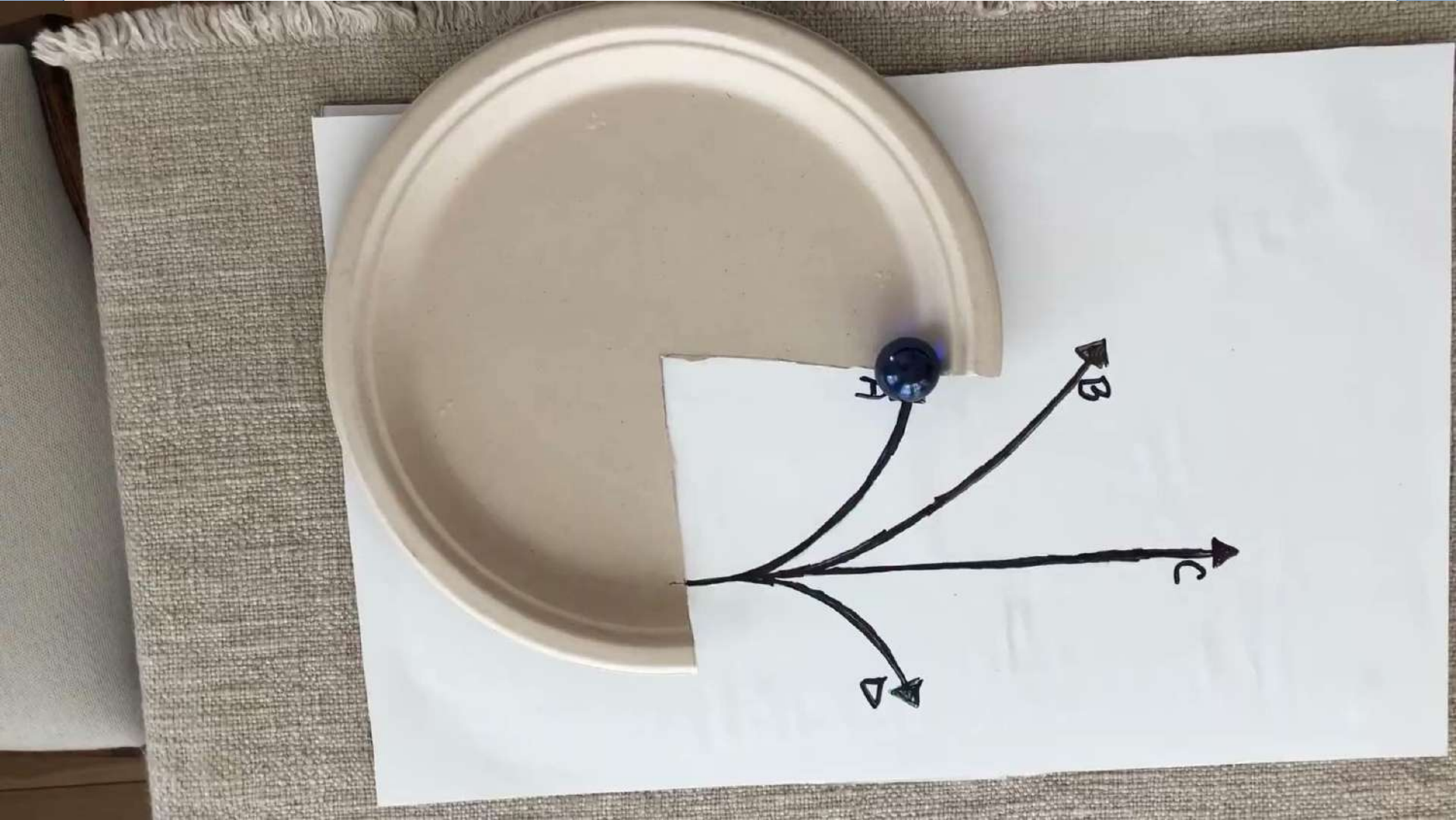
I LOVE
LOOPHOLES.



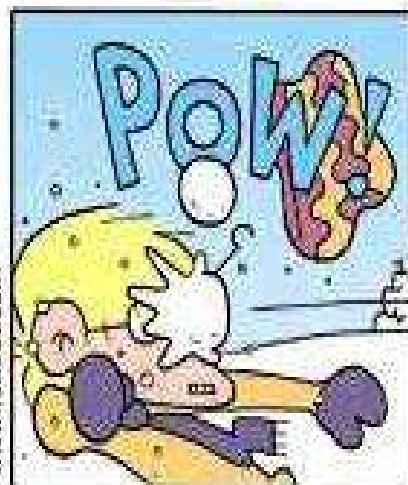
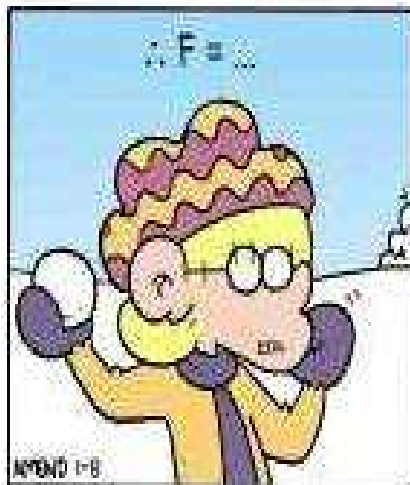
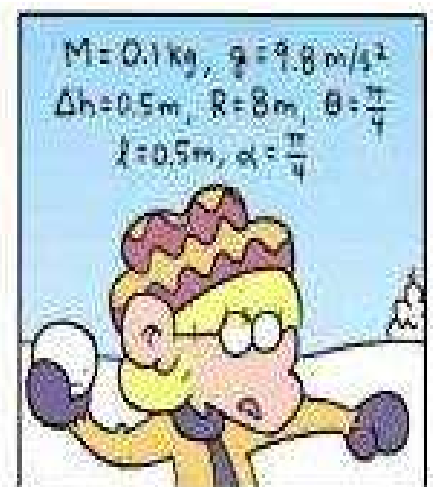
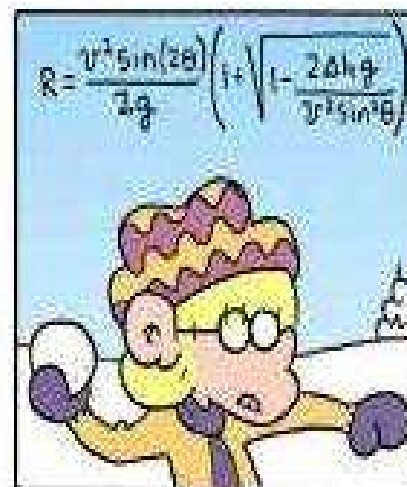
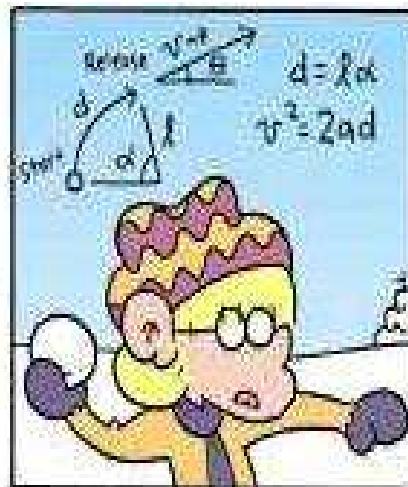
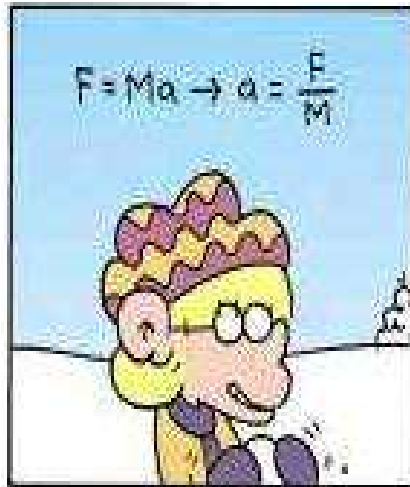












$$F = ma$$

a better way to look at it is

$$a = F / m$$

ACCELERATION is DIRECTLY PROPORTIONAL
to the FORCE
and INVERSELY PROPORTIONAL
to the MASS

RAINY MORNING is a lab activity that is designed to address the NGSS standard MS-PS2:

Students who demonstrate understanding can:

Apply Newton's Third Law to design a solution to a problem involving the motion of two colliding objects.* [Clarification Statement: Examples of practical problems could include the impact of collisions between two cars, between a car and stationary objects, and between a meteor and a space vehicle.] [*Assessment Boundary: Assessment is limited to vertical or horizontal interactions in one dimension.*]















ISAACUS NEWTON EQ. AUR. R. S.

Etiam post mortem

Newtoni scripta sunt

Philos.
PHILOSOPHIÆ

R. Newton
NATURALIS

PRINCIPIA

MATHEMATICA.

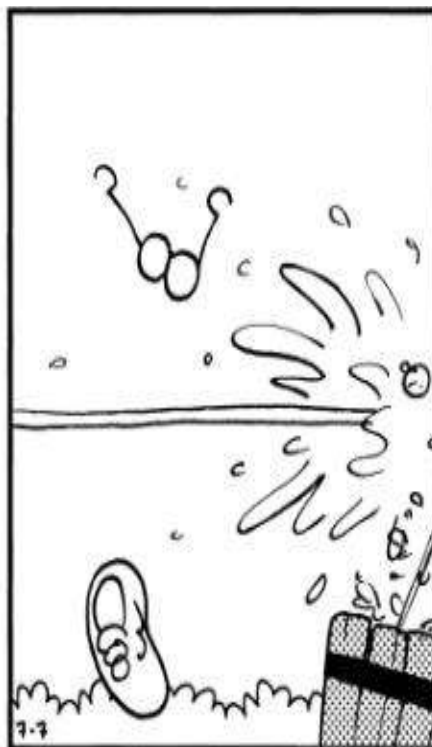
AUCTORE

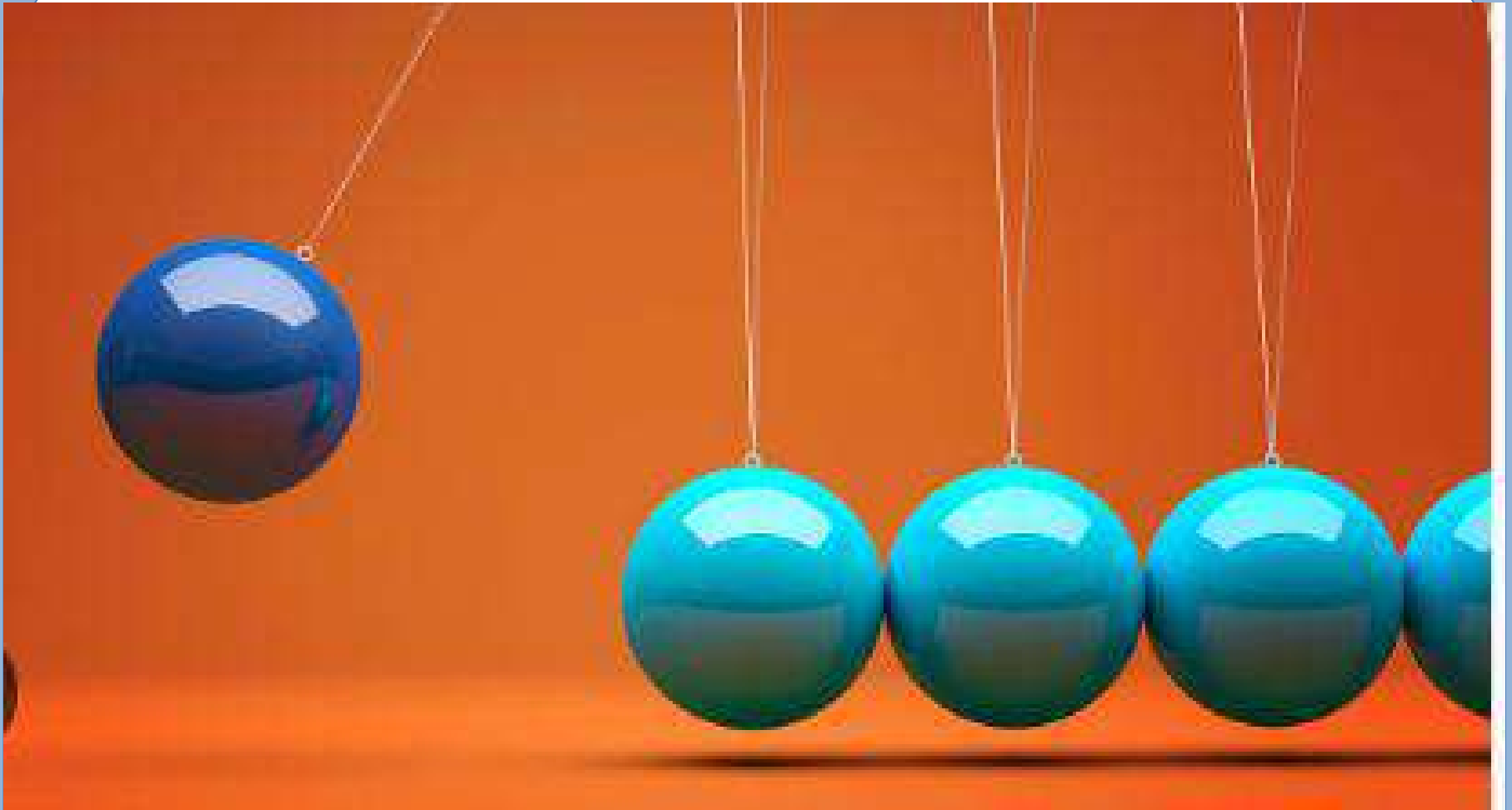
ISAACO NEWTONO, EQ. AUR.

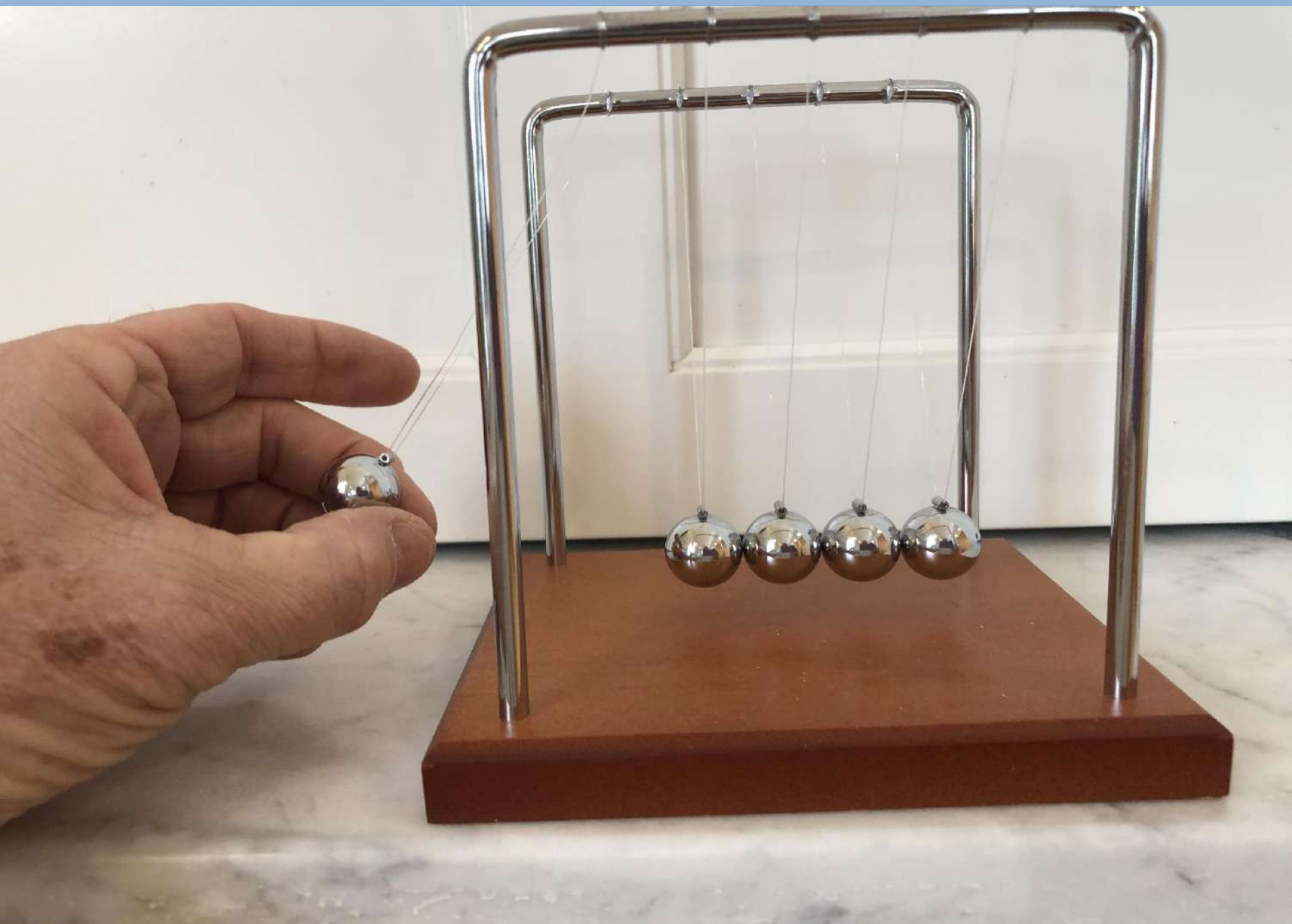
Editio tertia multa & emendata.

LONDINI

Apud GREG. & JOHN DENT, Regia Societatis typographos.
MDCCLXXVI

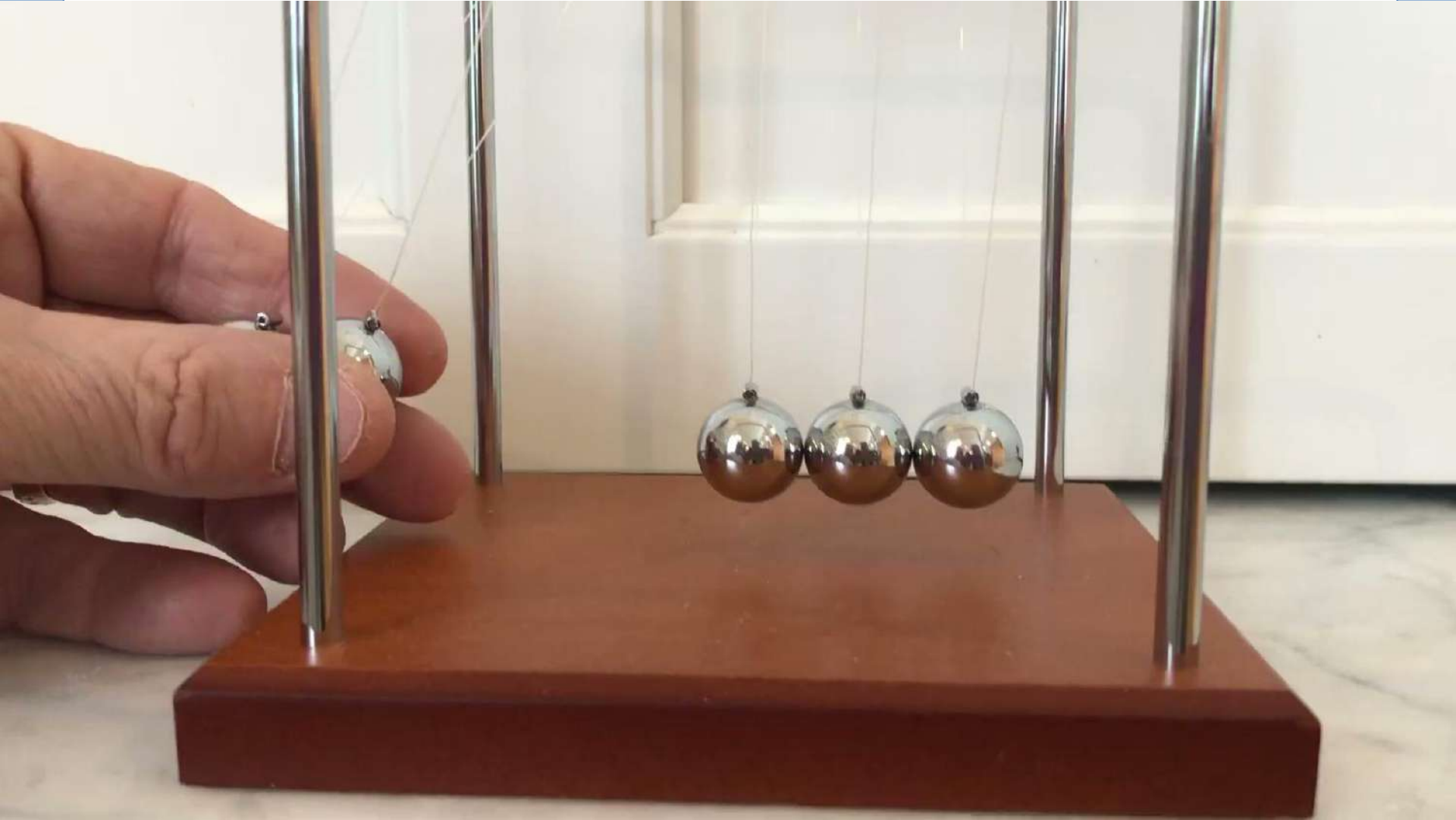




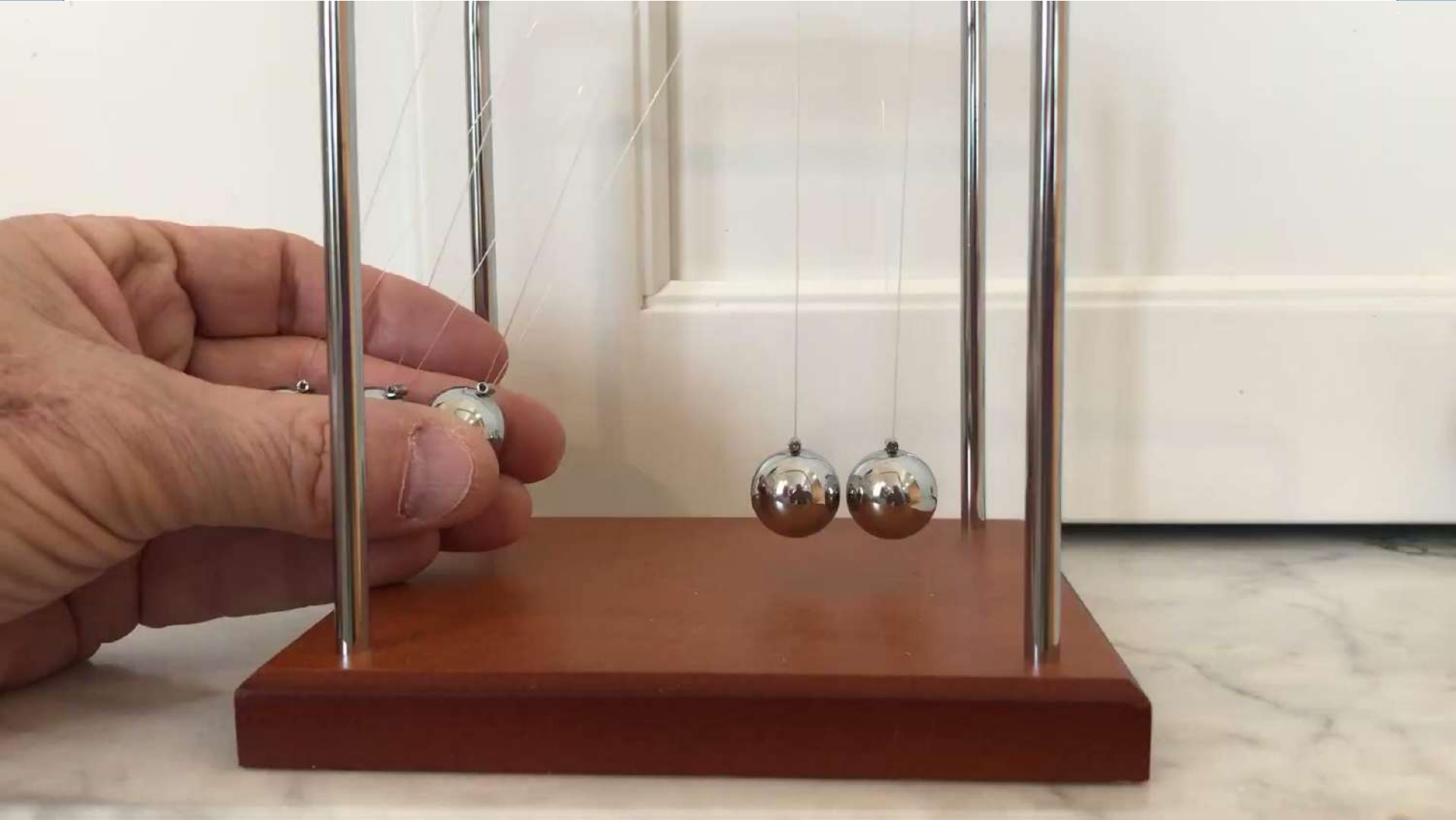












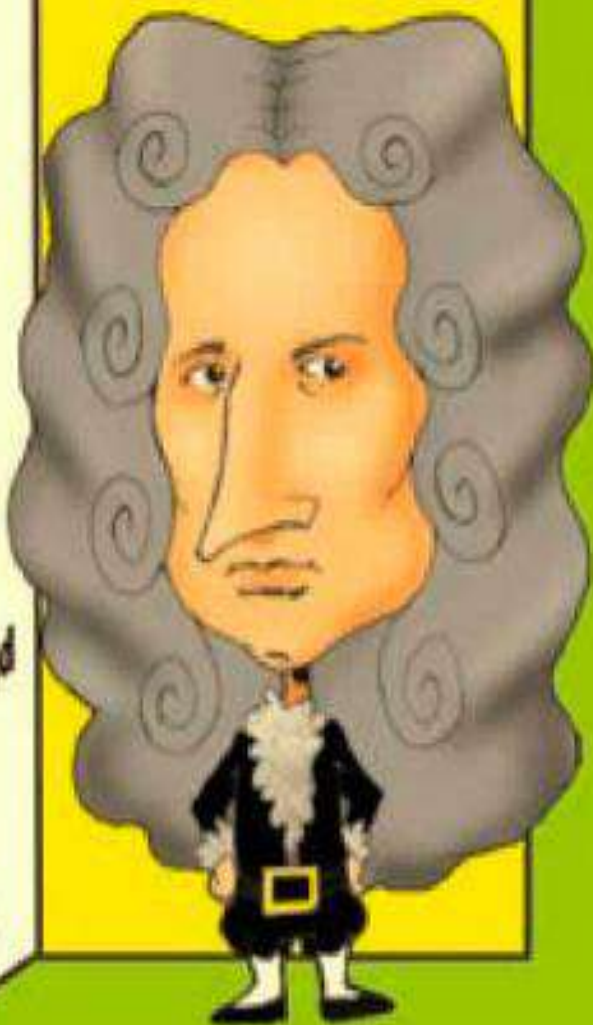




Definition
of
Derivative



Min/Max & Related
Rate Problems
Instantaneous
Rate of Change



Definition of
Area Under
a Curve



Fundamental
Theorem of
Calculus
(FTC)
Amount of Change

SIR ISAAC NEWTON & GOTTFRIED LEIBNIZ

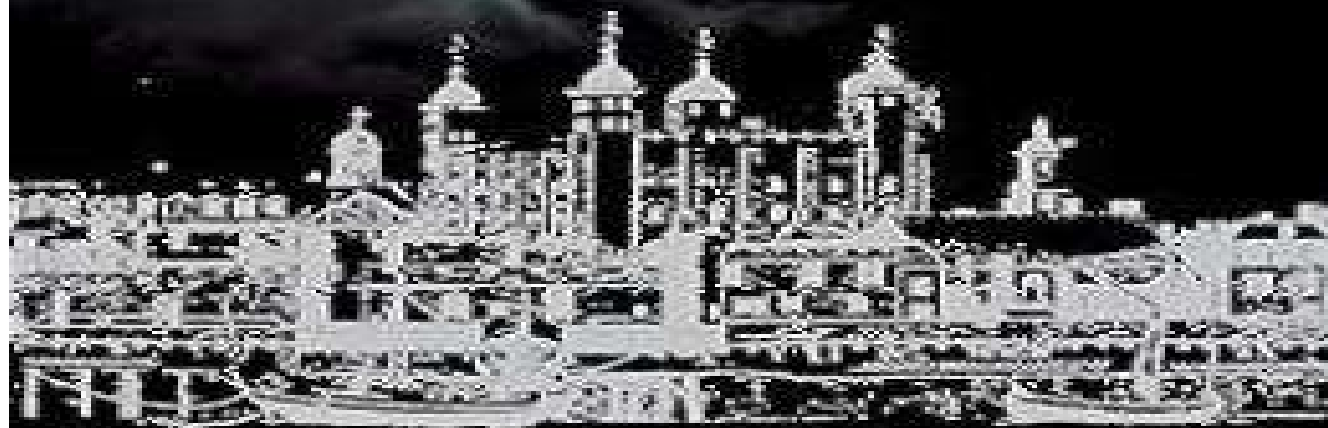
OPENING THE DOORS OF DIFFERENTIAL & INTEGRAL CALCULUS

*The MASTER CRIMINAL, the GREAT GENIUS
and the PLOT TO DESTROY the ROYAL MINT*



Newton *and the* Counterfeiter

'Masterly . . . this is novelistic history writing of the best kind.'
Rebecca Stott, *Guardian*



BY THOMAS LEVENSON

